M Ö 4 ŧIJ

ļ.,i, N

PTO/SB/05 (11-00)
Please type a plus sign (+) inside this box

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## UTILITY **PATENT APPLICATION TRANSMITTAL**

Attorney Docket No. First Inventor Dan A. Steinberg Fiber Array Switch Having Micromachined Front Face With Roller Balls

(Only for new nonprovision	nal applications under 37 CFR 1.53(b))	Express	s Mail Label No.	EF2635	64746US		
APPLICATION ELEMENTS		ADE	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application				
	cerning utility patent application contents.			Washington,			
	form (e.g., PTO/SB/17) duplicate for fee processing)	7.	CD-ROM or CD			or	
Applicant claims si	small entity status.		Computer Programmer Computer Programmer Computer Programmer Computer Programmer Programm	ino Acid Seque		ion	
See 37 CFR 1.27.	Total Pages 21 1	` r	applicable, all neces	• •			
3. LX (preferred arrangement - Descriptive title	nt set forth below)	a. L	· ·	adable Form (0	•		
- Cross Reference	e to Related Applications	b. 8	Specification Seque	•			
	arding Fed sponsored R & D equence listing, a table,			OM or CD-R (2	copies); or		
or a computer p	program listing appendix	- 1	i i. ∐ paper		-f -hava aar	·	
<ul> <li>Background of t</li> <li>Brief Summary</li> </ul>		c. [		erifying identity	<u> </u>		
<ul> <li>Brief Description</li> </ul>	on of the Drawings (if filed)		ACCOMPANYIN	_			
<ul> <li>Detailed Descrip</li> <li>Claim(s)</li> </ul>	•	9. [	X Assignment Pa			nent(s)) /er of	
- Abstract of the	Disclosure	10.	(when there is		1 1	rney	
4. X Drawing(s) (35 U.	J.S.C. 113) [Total Sheets 14]	] 11.	English Trans/	slation Docume		•	
5. Oath or Declaration	[ Total Pages 1 ]	12.	Information Di Statement (ID:		Copie Citati	es of IDS ions	
a. X Newly execu	uted (original or copy)	13.	Preliminary Ar	•			
Copy from a	a prior application (37 CFR 1.63 (d)) tion/divisional with Box 18 completed)	14.	— (Should be spe	pt Postcard (M pecifically itemiz	zed)		
	ION OF INVENTOR(S) atement attached deleting inventor(s)	15.	Certified Copy (if foreign price	y of Priority Do ority is claimed)	cument(s)		
named in ti	the prior application, see 37 CFR	16.	16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35				
1.b3(a)(∠) :	and 1.33(b).	'	(b)(2)(B)(i). Ap or its equivale		ittach form Pi	FO/SB/35	
6. Application Data	Sheet. See 37 CFR 1.76	17.	Other:	41t.	, <b></b>	••••	
18 If a CONTINUING APPLI	CATION, check appropriate box, and sup	nnly the real	uisite information be	elow and in a r	reliminary an	nendment,	
or in an Application Data She	eet under 37 CFR 1.76:	.,,	TOTAL TITLE TO THE TOTAL	,		,	
Continuation	Divisional Continuation-in-part (CIP)	, c	of prior application No.:				
Prior application information: For CONTINUATION OR DIVISION	Examiner IONAL APPS only: The entire disclosure of the second se	the prior app	Group Art Unit:	on eath or decl	protion is supr		
Box 5b, is considered a part of	f the disclosure of the accompanying continued in the relied upon when a portion has been inadvention to the relied upon when a portion has been inadvention.	nuation or div	visional application a	and is hereby in	corporated by		
	19. CORRESPONE						
Customer Number or Bar Co	X Customer Number or Bar Code Label  (Insent Classification of the report of the repor				low		
Name	115110 11011 11011 11011 11011 1101						
	26086				;		
Address	PATENT_TRADEMARK OF	FFICE					
City	State Zip Code						
Country	Τε	elephone		Fa	ıx		
Nama (Brint/Tune)	Dan A Chainham	Reg	istration No. (Atto	ornov/Agent)	45 120		
Name (Print/Type)	Dan A. Steinberg	1,09.	Stration 140. (7 the	Tribying city	45,129		

Signature

Date 12/1/2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application. Washington, DC 20231.





PTO/SB/17 (09-00)
Approved for use through 10/31/2002. OMB 0651-0032

EEE TDANGMITTAI	Complete if Known
Under the Paperwork Reduction Act of 1995, no persons are required to r	espond to a collection of information unless it displays a valid OM8 control number

## FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** 

(\$)	395.	$\mathcal{M}$

Complete if Known			
Application Number			
Filing Date			
First Named Inventor	Dan A. Steinberg		
Examiner Name			
Group Art Unit			
Attorney Docket No.	ACT-167		

METHOD OF PAYMENT FEE CALCULATION (continued)			
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:  Deposit	3. ADDITIONAL FEES Large Entity Small Entity Fee	Foo Boid	
Account Number	Code (\$) Code (\$)	Fee Paid	
Deposit	105 130 205 65 Surcharge - late filing fee or oath		
Account Name	127 50 227 25 Surcharge - late provisional filing fee or cover sheet		
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	139 130 139 130 Non-English specification		
Applicant claims small entity status.	147 2,520 147 2,520 For filing a request for ex parte reexamination		
See 37 CFR 1.27	112 920* 112 920* Requesting publication of SIR prior to Examiner action		
2. X Payment Enclosed: CK# 2249  Check Credit card Order Other	113 1,840° 113 1,840° Requesting publication of SIR after Examiner action		
FEE CALCULATION	115 110 215 55 Extension for reply within first month		
1. BASIC FILING FEE	116 390 216 195 Extension for reply within second month		
Large Entity Small Entity	117 890 217 445 Extension for reply within third month		
Fee Fee Fee Fee Description	118 1,390 218 695 Extension for reply within fourth month		
101 710 201 355 Utility filing foo	128 1,890 228 945 Extension for reply within fifth month		
106 320 206 160 Design filing fee	119 310 219 155 Notice of Appeal		
107 490 207 245 Plant filing fee	120 310 220 155 Filing a brief in support of an appeal		
108 710 208 355 Reissue filing fee	121 270 221 135 Request for oral hearing		
114 150 214 75 Provisional filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding		
	140 110 240 55 Petition to revive - unavoidable		
SUBTOTAL (1) (\$) 355	141 1,240 241 620 Petition to revive - unintentional		
2. EXTRA CLAIM FEES	142 1,240 242 620 Utility issue fee (or reissue)		
Fee from Ext <u>ra Claim</u> s <u>below</u> <u>Fee Paid</u>	143 440 243 220 Design issue fee		
Total Claims 17 -20** = 0 × = 0	144 600 244 300 Plant issue fee		
Independent 7 - 3** = 0 X = 0	122 130 122 130 Petitions to the Commissioner		
Multiple Dependent =	123 50 123 50 Petitions related to provisional applications		
	126 240 126 240 Submission of Information Disclosure Stmt		
Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)	40.00	
103 18 203 9 Claims in excess of 20	146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))		
102 80 202 40 Independent claims in excess of 3	149 710 249 355 For each additional invention to be		
104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 ** Reissue independent claims	examined (37 CFR § 1.129(b))		
over original patent	179 710 279 355 Request for Continued Examination (RCE)		
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	169 900 169 900 Request for expedited examination of a design application		
SUBTOTAL (2) (\$) O	Other fee (specify)		
**or number previously paid, if greater, For Reissues, see above	Reduced by Basic Filing Fee Paid SUBTOTAL (3)	40.00	

SUBMITTED BY			Complete (ii	Complete (if applicable)		
Name (Print/Type)	Dan A. Steinberg	Registration No. (Attorney/Agent)	45,129	Telephone	540-639-1986 x26	
Signature	Room Shellius			Date	12/1/2000	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.